

**In the United States Patent and Trademark Office  
Patent Application Transmittal**

22581 U.S. PTO  
10/730322  
  
120803

*Transmitted herewith for filing is the Patent Application of:*

Inventors(s): Katsuyoshi Katoh and Kazuhiko Maeda  
For: Antenna Unit And Wireless Communication Apparatus  
ASSIGNEE NAME: International Business Machines Corporation  
ASSIGNEE RESIDENCE: Armonk, New York

**Enclosed are**

18 pages of specification, including 12 claims, plus 6 sheets of *formal* drawings.

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an **2003-056376 Japan** application.  
 Declaration and Power of Attorney. Not Fully Executed  
 PTO-1449  
 A return post card

**Filing Fee Calculation (For Other Than Small Entity)**

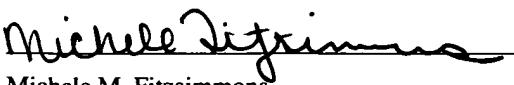
|                                    |       |       |       |          |                       |
|------------------------------------|-------|-------|-------|----------|-----------------------|
| Basic Fee:                         |       |       |       |          | \$770.00              |
| Claims Fees:                       | Filed | Limit | Extra |          | Rate per Extra        |
| Total claims:                      | 12    | 20    | 0     |          | \$18.00               |
| Independent claims:                | 4     | 3     | 1     |          | \$84.00               |
| Multiple Dependent Claim Presented |       |       |       | \$280.00 | \$0.00                |
|                                    |       |       |       |          | <b>Total</b> \$854.00 |

Please charge Deposit Account **09-1990** for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

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I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

  
Michele M. Fitzsimmons

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Date: December 08, 2003

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